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Jessica Brown

**PATENT**

**Applicants:** Lars G. Svensson et al.

**Serial No.:** 09/758,631

**Filing Date:** January 10, 2001

**Title:** SYSTEM AND METHOD FOR POWER-EFFICIENT CHARGING AND DISCHARGING OF A CAPACITIVE LOAD FROM A SINGLE SOURCE

**Group Art Unit:** 2838

**Examiner:** Adolf Berhane

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****SUPPLEMENTAL AMENDMENT**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**In the Claims**

Please amend claims 127, 139, 150, 162, 173 and 185 as follows:

[1. A system for efficiently charging and discharging a capacitive load from a single voltage source of a first potential consisting of:

a first switch for selectively charging the load;

a second switch for selectively discharging the load;

plural capacitive elements; and

switch means for selectively connecting each of the capacitive elements to the capacitive load to gradually charge or discharge the capacitive load.]

[2. The invention of claim 1 wherein said switch means includes plural third switches connected between said capacitive elements and said load.]

[3. The invention of claim 2 wherein said switch means includes means for selectively activating the first, second and third switches.]